
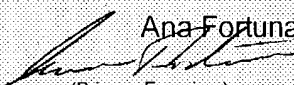


<b>Issue Classification</b> 	Application No.	Applicant(s)	
	09/621,234	HENSHAW ET AL.	
	Examiner	Art Unit	5,783,083
	Ana M Fortuna	1723	

ISSUE CLASSIFICATION											
ORIGINAL				CROSS REFERENCE(S)							
CLASS		SUBCLASS		CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)						
210		636		210	650	321.69	321.8	321.89	257.2	356	500.23
INTERNATIONAL CLASSIFICATION											
B	O	I	D	61//00							
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----- (Assistant Examiner) (Date)				Ana Fortuna  (Primary Examiner)				Total Claims Allowed: 18			
(Legal Instruments Examiner) (Date)								O.G. Print Claim(s) 13		O.G. Print Fig. 19	

SPRE-MOR

<input checked="" type="checkbox"/> Claims renumbered in the same order as presented by applicant										<input type="checkbox"/> CPA		<input type="checkbox"/> T.D.		<input type="checkbox"/> R.1.47	
Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original
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2	2		32		62		92		122		152		182		
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6	6		36		66		96		126		156		186		
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9	9		39		69		99		129		159		189		
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29	29		59		89		119		149		179		209		
30	30		60		90		120		150		180		210		

PATENT NUMBER  
5,783,083

## U.S. REISSUE Patent Application

U.S. REISSUE PATENT APPLICATION	O.I.P.E.	O.G. PUBLICATION DATE	REISSUE PATENT DATE
12W SCANNED 55-2 O.A. AA		7-1-00	

APPLICATION NO. 09/621234	CONT/PRIOR D	CLASS 210	SUBCLASS 210	ART UNIT 1723	EXAMINER J. Fortuna
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**CANTS** Wayne Henshaw  
Mailvaganam Mahendran  
Harry P. Moore

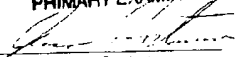
Vertical cylindrical skein of hollow fiber membranes and method of maintaining clean fiber surfaces

PTO-2040  
12/99

SUMMONER OF ORIGINAL PATENT (Ext. 111111) ORIGINAL PATENT NUMBER

**ISSUING CLASSIFICATION**

[illegible]

<input type="checkbox"/> <b>TERMINAL DISCLAIMER</b>	<b>DRAWINGS</b>			<b>CLAIMS ALLOWED</b>	
	Sheets Drwg. <div style="text-align: center; font-size: 1.5em;">13</div>	Figs. Drwg. <div style="text-align: center; font-size: 1.5em;">3</div>	Print Fig. <div style="text-align: center; font-size: 1.5em;">19</div>	Total Claims <div style="text-align: center; font-size: 1.5em;">18</div>	Print Claim for O.G. <div style="text-align: center; font-size: 1.5em;">13</div>
<input type="checkbox"/> The term of this patent subsequent to _____ (date) has been disclaimed.	_____ (Assistant Examiner) (Date)			<b>NOTICE OF ALLOWANCE MAILED</b>	
	<b>ANA FORTUNA PRIMARY EXAMINER</b>  (Primary Examiner) (Date)			<b>ISSUE FEE</b>	
<input type="checkbox"/> The term of this patent shall not extend beyond the expiration date of U.S. Patent. No. _____	<b>Supervisor of original Patent 041690,645</b>			Amount Due	Date Paid
<input type="checkbox"/> The terminal _____ months of this patent have been disclaimed.				<b>ISSUE BATCH NUMBER</b>	
<b>FINAL SPRE REVIEW</b> _____ (INITIALS)	_____ (Legal Instruments Examiner) (Date)				

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(Rev. 6/99)

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